



FORESTRY, FIRE & STATE LANDS REQUEST FOR PROPOSALS Cover Sheet



Project Title	Fate of Mercury in Farmington Bay of Great Salt Lake- a mechanistic and molecular approach		
Lead Project Sponsor	University of Utah and Central Davis Sewer District		
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Project Description / Abstract	<p>Mercury is a pressing issue in Great Salt Lake and has caught much attention in Utah and Natiowide. More important is the formation of methyl mercury in lake water column and sediments. Methyl mercury is a highly potent and the only mercury species which biomagnified. The research proposal seeks to evaluate the transport of mercury among Utah Lake, Jordan River and Farmington Bay of Great Salt Lake with special emphasis on the rates of methyl mercury formation. The proposal is build upon PI's ongoing research effort on rates of methyl mercury with Utah Department of Water Quality. The proposal includes lab and field scale research with a significant training component through a summer workshop. The research outcomes and outreach through summer workshop will greatly help the regulatory agency to form future research priorities and management of mercury in Great Salt Lake.</p>		
Project Funding	Amount Requested	Matching Funds	Total Project Cost
	\$ 30,074	\$ 16,000	\$ 46,074